

The 23rd Midwest Optimization Meeting

-- In memory of Professor Asen Dontchev (1948-2021)--

Grand Valley State University

October 29-30, 2021

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All talks include 5 minutes for questions. Talks labeled "**remote**" mean that the speaker will join the meeting using video conference software. Updates to the schedule will appear on this page. [Full list of Abstracts](#).

Join the conference Via Zoom (password required, must [register](#) to receive) * A link will be available here on Oct 29th.

Friday -- Loutit Hall 103

Time	Presenter	Title	University
2:2:15 pm	Norma Ortiz-Robinson/ Boris Mordukhovich	Opening remarks and dedication of conference to Asen Dontchev.	Grand Valley State Univ./ Wayne State University
2:30-3:pm	Tran Tuyen	Minimizing Differences of Convex Functions with Applications to Multifacility Location and Clustering	Loyola University Chicago
3:-3:30pm	Oanh Nguyen	Subdifferential Calculus for ordered set-valued mappings and applications (remote)	Wayne State University
3:30-4pm	Vinicio Rios	From one isotropic medium to another in minimal time: Elvis's math instinct?	Louisiana State University

Friday -- Loutit Hall 103

Time	Presenter	Title	University
4:-4:30pm	Yunier Bello-Cruz	<u>On the finite convergence of alternating projections</u>	Northern Illinois University
4:30-5:30pm	**Peter Wolenski	<u>Generalization of the Elvis Problem</u>	Louisiana State University
5:30-6pm	Pizza for Students - Loutit Hall Atrium		
6-7pm	Social hour	<u>Trail Point Brewery- Mapocho Food Truck</u>	Voluntary and buy your own

Saturday --Loutit Hall 103

Time	Presenter	Title	University
8-9am	Continental Breakfast -- Loutit Hall Atrium (provided by conference sponsors)		
9-9:30am	Anuj Bajaj	<u>Solving and Applications of Multi-Facility Location Problems</u>	Oakland University
9:30-10am	Trang Nguyen	<u>Optimization of controlled free-time sweeping processes and applications</u>	Wayne State University
10-10:30am	Dao Nguyen	<u>Optimization of a Controlled Sweeping Process and Applications on General Robotics Models</u>	University of Michigan
10:30-11am	Xiaoming Zheng	<u>Optimization of a mixing problem with boundary control</u>	Central Michigan University
11-11:15am	Coffee break		
11:15-12:15pm	**Rafal Goebel	<u>Convex analysis, optimization, and switching dynamics for the consensus problem</u>	Loyola University Chicago
12:15-1:30pm	Lunch Break		

Friday -- Loutit Hall 103

Time	Presenter	Title	University
1:30-2:30pm	**Yan Wang	<u>Evolution of Automotive Controls and Calibrations with Advanced Optimization Method</u>	Ford Motor Company
2:30-3pm	Bingwu Wang	<u>Some properties of directionally differentiable functions</u>	Eastern Michigan University
3-3:30pm	Dat Tran	<u>Generalized Damped Newton Algorithms in Nonsmooth Optimization</u>	Wayne State University
3:30-4pm	Phat Thanh Vo	<u>Coderivative-Based Newton-type Methods in Composite Optimization</u>	Wayne State University
4-4:15pm	Coffee break		
4:15-5:15pm	**Qiji Zhu	<u>Optimization Methods in Bank Balance Sheet Management</u>	Western Michigan University

** Denotes Plenary or Special speaker